



STIC Search Report

EIC 2800

STIC Database Tracking Number EIC 2800

TO: Jose Dees
Location: JEF-8D59
Art Unit : 2800
Tuesday, December 20, 2005

Case Serial Number: 10/718511

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/718,511 US 6,318,171

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Darcy Bates



Bates, Darcy

From: Dees, Jose
Sent: Friday, December 16, 2005 12:54 PM
To: STIC-EIC2800
Subject: litigation search for

Please do a litigation search for Patent no. 6,318,171. Reissue 10/718511.

Thanks, J Dees

PALM INTRANET

Day : Monday
Date: 12/19/2005
Time: 09:00:42

Continuity Information for 10/718511

Parent Data10718511

1, REI, 09451927 , 10718511
is a reissue of 09451927

Child Data

No Child Data

[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity Data](#) [Foreign Data](#) [Inventors](#) [Address](#)

Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

PALM INTRANET

Day : Monday
 Date: 12/19/2005
 Time: 09:00:46

Application Number InformationApplication Number: **09/451927** AssignmentsFiling or 371(c) Date: **12/01/1999**Effective Date: **12/01/1999**Application Received: **12/01/1999**Patent Number: **6318171**Issue Date: **11/20/2001**Date of Abandonment: **00/00/0000**Attorney Docket Number: **00325/ME:YKO**Status: **150 /PATENTED CASE**Confirmation Number: **9671**Examiner Number: **71616 / PATEL, HARSHAD**Group Art Unit: **2855**Class/Subclass: **073/204.270**Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**L&R Code: Secrecy Code: **1**Third Level Review: **NO**Secrecy Order: **NO**Status Date: **11/01/2001**Oral Hearing: **NO**Title of Invention: **FLOW RATE SENSOR IMPLEMENTING A PLURALITY OF INNER TUBES LOCATED WITHIN A SENSOR TUBE**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09451927	28M1	05/26/2005	2855	No Charge to Name	NGO,CHAU	JEF/00/C 05

**Appln
Info**

[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)[Inventors](#)[Address](#)Search Another: Application# or Patent# PCT / / or PG PUBS # Attorney Docket # Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

Day : Monday
Date: 12/19/2005
Time: 09:00:51

PALM INTRANET

Continuity Information for 09/451927

Parent Data

No Parent Data

Child Data

10718511 is a reissue of 09451927

[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) **Continuity Data** [Foreign Data](#) [Inventors](#) [Address](#)

Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

[Order Documents](#) | [Available Courts](#) | [Lexis.com](#) | [Sign Out](#) | [Learning Center](#)

LexisNexis® CourtLink®

Welcome Darcy Bates!

[My CourtLink](#) [Search](#) [Dockets & Documents](#) [Track](#) [Alert](#) [Strategic Profiles](#) [My Account](#)[Search](#) > [Patent Search](#) > [Searching](#)

Patent Search - Number: 6,318,171

No cases found.

[Search](#) [Advanced Search](#)

(Charges for search still apply)

[Pricing](#) [Privacy](#) [Master Services Agreement](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents](#) 
Terms: [patno=6318171](#) ([Edit Search](#) | [Suggest Terms for My Search](#))

451927 (09) 6318171 November 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6318171

♦ [Get Drawing Sheet 1 of 12](#)

[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

November 20, 2001

Flow rate sensor implementing a plurality of inner tubes located within a sensor tube

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 2855; Re. S.N. 10/718,511 (O.G. March 2, 2004)

INVENTOR: Suzuki, Isao - Tokyo, Japan (JP)

APPL-NO: 451927 (09)

FILED-DATE: December 1, 1999

GRANTED-DATE: November 20, 2001

PRIORITY: December 1, 1998 - 10341800, Japan (JP); June 18, 1999 - 11172854, Japan (JP)

ASSIGNEE-AT-ISSUE: MKS Japan, Inc., Tokyo, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: December 1, 1999 - ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS)., MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKYO JAPAN, Reel and Frame Number: 10424/0958

LEGAL-REP: Wenderoth, Lind, and Ponack, L. L.P. - ##0

PUB-TYPE: November 20, 2001 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 73#204.27

CL: 73

SEARCH-FLD: 073#204.22, 073#204.27, 073#204.15

IPC-MAIN-CL: 7G 01F001#68

PRIM-EXMR: Patel, Harshad

LexisNexis® Total Research System

Switch Client | Preferences | Feedback | Sign Off | ? Help

My Lexis™ | **Search** | **Research Tasks** | **Search Advisor** | **Get a Document** | **Shepard's®** | **Alerts**

Sources | **Guided Search Forms** | **Command Searching**

History |

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)

* Enter Search Terms

Terms and Connectors Natural Language Easy Search

patno=6318171

[Suggest Terms
for My Search](#)

[Search](#)

[Check Spelling](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

* Search Connectors

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

[View Search Command](#)

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

12/19/05

US 6,318,171

10/718511

WELCOME to QUESTEL.ORBIT- Your Guide to INTELLECTUAL PROPERTY

Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6318171/pn

**** SS 1: Results 1**

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US6318171 B1 20011120 [US6318171]
TI - (B1) Flow rate sensor implementing a plurality of inner tubes located within a sensor tube
PA - (B1) MKS JAPAN INC (US)
PA0 - MKS Japan, Inc., Tokyo [JP]
IN - (B1) SUZUKI ISAO (JP)
AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
IC - (B1) G01F-001/68
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
CT - US5285673; US5410912; US5741968; US5792952; US6125695
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - There is provided a flow rate sensor comprising: a pair of heating resistors operable to heat a sensor tube; a temperature sensor operable to control respective temperatures of the heating resistors; and a case operable to hold the heating resistors and the temperature sensor. The flow rate sensor is adapted to detect a flow rate of a fluid flowing in the sensor tube based on variations of voltages applied to the heating resistors, wherein the variations occur according to the flow rate of the fluid. The flow rate sensor further comprises a voltage applying device operable to arbitrarily set an increase in temperature of each of the heating resistors. The sensor tube has opposite ends thereof thermally connected to the case. The temperature sensor is positioned to be equidistant from the opposite ends of the sensor.
UP - 2001-48

1 / 1 LGST - ©EPO
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACT - 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;

12/19/05

US 6,318,171

10/718511

EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

I / **1** CRXX - ©CLAIMS/RRX
AN - 3606048
PN - 6,318,171 A 20011120 [US6318171]
PA - MKS Japan Inc JP
PT - M (Mechanical)
ACT - 20031120 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040302
REISSUE REQUEST NUMBER: 10/718511
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2855

Reissue Patent Number:

UP - 2004-10
UACT - 2004-03-02

Search statement 2

Query/Command : fam us6318171/pn

1 Patent Groups
** SS 2: Results 2

Search statement 3

Query/Command : famstate nonstop

I / **2** PLUSPAT - ©QUESTEL-ORBIT - image
PN - JP2000227354 A 20000815 [JP2000227354]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) FLOW RATE SENSOR
PA - (A) NIPPON MKS KK
PA0 - (A) NIPPON M K S KK
IN - (A) SUZUKI ISAO
IC - (A) G01F-001/00 G01F-001/68 G01F-015/02 G01P-005/12
AP - JP17285499 19990618 [1999JP-0172854]
PR - JP17285499 19990618 [1999JP-0172854]
JP34180098 19981201 [1998JP-0341800]
UP - 2000-44

2 / 2 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - US6318171 B1 20011120 [US6318171]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Flow rate sensor implementing a plurality of inner tubes
located within a sensor tube
PA - (B1) MKS JAPAN INC (US)
PA0 - MKS Japan, Inc., Tokyo [JP]
IN - (B1) SUZUKI ISAO (JP)
IC - (B1) G01F-001/68
AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
UP - 2001-48

1 / 1 *LEGALI - ©EPO*
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACTE- 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;
EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

LexisNexis® Total Research System

Switch Client | Preferences | Feedback | Sign Off | ? Help
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Multi-Source Groups](#) > [Patent Cases from Federal Courts and Administrative Materials](#)

* Enter Search Terms

Terms and Connectors Natural Language Easy Search

6318171 or 6,318,171

Suggest Terms
for My Search

[Search](#)

[Check Spelling](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

* Search Connectors

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms
"6318171 or 6,318,171"

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

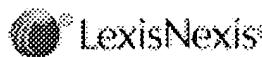
Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.



[Edit Search](#)



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis® Total Research System

Switch Client | Preferences | Feedback | Sign Off | ? Help
[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#) | [History](#) | [Help](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Legal News](#) > [Patent, Trademark & Copyright Periodicals, Combined](#)

* Enter Search Terms

Terms and Connectors Natural Language Easy Search

6318171 or 6,318,171

[Suggest Terms for My Search](#)

[Check Spelling](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add ↑

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:

No Date Restrictions From _____ To _____ [Date Formats...](#)

* Search Connectors

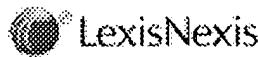
Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms
"6318171 or 6,318,171"

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

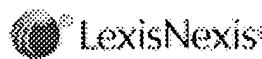
Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.



 Edit Search



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis® Total Research System

Switch Client | Preferences | Feedback | Sign Off | ? Help

My Lexis™ | Search | Research Tasks | Search Advisor | Get a Document | Shepard's® | Alerts | History |

Sources | Guided Search Forms | Command Searching |

[News & Business](#) > [News](#) > [News, All \(English, Full Text\)](#)

* Enter Search Terms

Terms and Connectors Natural Language Easy Search

6318171 or 6,318,171

[Suggest Terms
for My Search](#)

[Search](#)

[Check Spelling](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment [Add 1](#)

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

Search Connectors

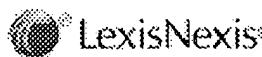
Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms
"6318171 or 6,318,171"

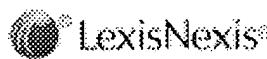
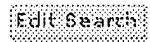
Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.